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# Jameco Part Number 220257 (SCN-600-12)

# MEAN WELL

## SWITCHING POWER SUPPLY

**ISO-9001 CERTIFIED MANUFACTURER**

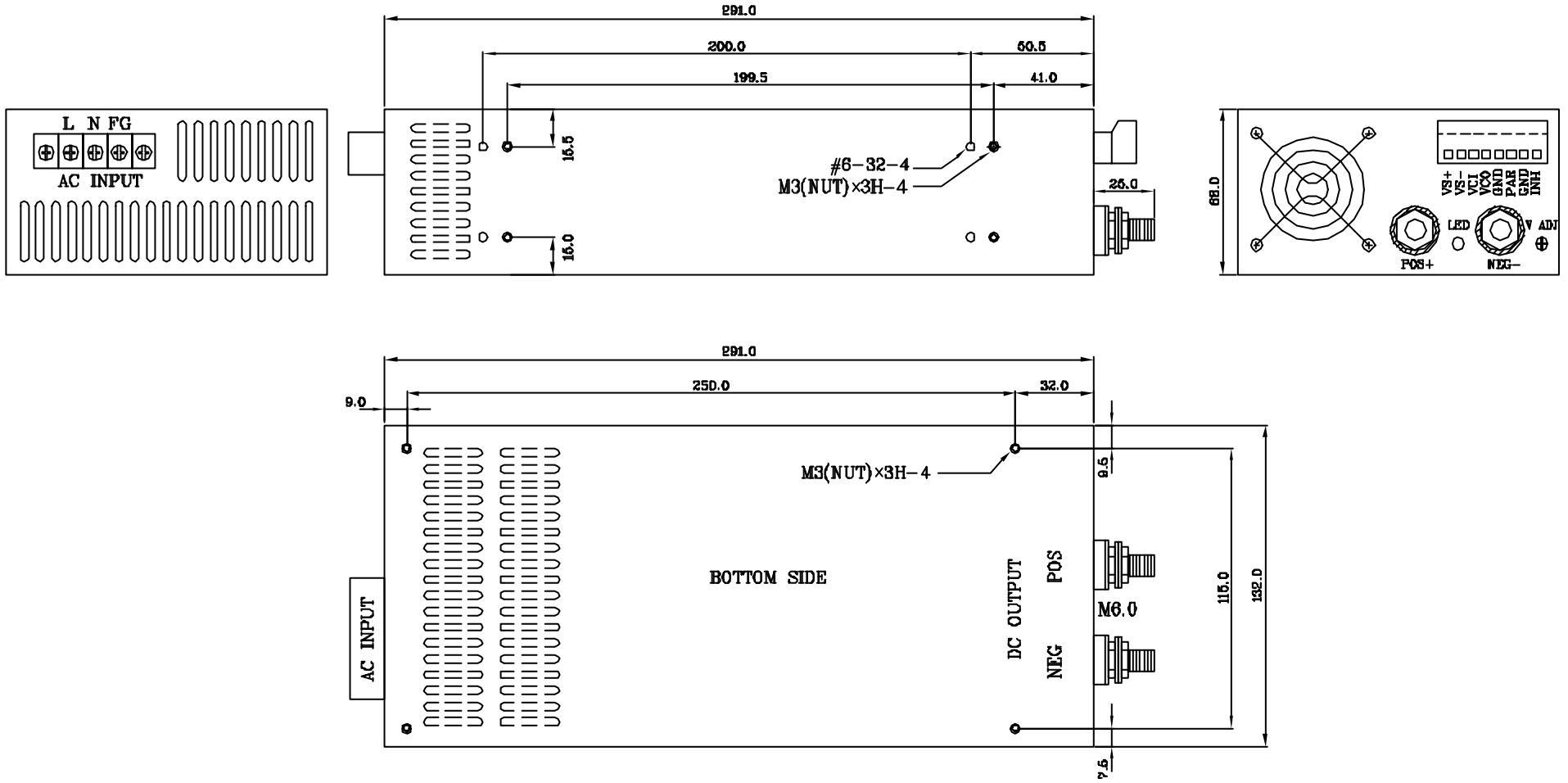
## SCN-600 SERIES

.BUILT IN EMI FILTER
.OVER LOAD PROTECTED
.OVER TEMP. PROTECTED
.WITH PARALLEL FUNCTION
.UL, CUL, CB APPROVAL
.SHORT CIRCUIT PROTECTED
.OVER VOLTAGE PROTECTED
.BUILT IN REMOTE SENSE / CONTROL
.2 YEAR WARRANTY

| SPECIFICATION | TYPE NO. | SCN-600-05 | SCN-600-12 | SCN-600-15 | SCN-600-18 | SCN-600-24 | SCN-600-48 |
|---|---|---|---|---|---|---|---|
| | SAFETY MODEL | 600S-N005 | 600S-N012 | 600S-N015 | 600S-N018 | 600S-N024 | 600S-N048 |
| DC OUTPUT VOLTAGE | | 5V | 12V | 15V | 18V | 24V | 48V |
| OUTPUT V. TOLERANCE | | ±2% | ±1% | ±1% | ±1% | ±1% | ±1% |
| OUTPUT RATED CURRENT | | 100A | 50A | 40A | 33A | 25A | 12A |
| OUTPUT CURRENT RANGE | | 0-100A | 0-50A | 0-40A | 0-33A | 0-25A | 0-12A |
| RIPPLE & NOISE | | 100mVp-p | 120mVp-p | 150mVp-p | 180mVp-p | 240mVp-p | 480mVp-p |
| LINE REGULATION | | ±0.5% | ±0.5% | ±0.5% | ±0.5% | ±0.5% | ±0.5% |
| LOAD REGULATION | | ±2% | ±1% | ±1% | ±1% | ±1% | ±1% |
| DC OUTPUT POWER | | 500W | 600W | 600W | 600W | 600W | 600W |
| EFFICIENCY | | 77% | 80% | 81% | 82% | 85% | 87% |
| DC VOLTAGE ADJ. | | ±5% TYPICAL | | | | | |
| INPUT VOLTAGE RANGE | | 90~130VAC / 180~260VAC SELECTED BY SWITCH 47~63Hz | | | | | |
| AC CURRENT | | 11A/115VAC 7.0A/230VAC | | | | | |
| INRUSH CURRENT | | COLD START < 60A/230VAC | | | | | |
| LEAKAGE CURRENT | | <3.5mA/240VAC | | | | | |
| OVERLOAD PROTECTION | | CURRENT LIMITING / DELAY SHUTDOWN | | | | | |
| OVER VOLTAGE PROTECTION | | 110%~135% | | | | | |
| OVER TEMP. PROTECTION | | YES | | | | | |
| TEMP. COEFFICIENT | | ±0.04% / °C (0~50°C) | | | | | |
| SETUP, RISE, HOLD UP TIME | | 800ms, 50ms, 16ms | | | | | |
| VIBRATION | | 10~200Hz, 2G 10min./1cycle, PERIOD FOR 60min. EACH AXES | | | | | |
| WITHSTAND VOLTAGE | | I/P-O/P:1500VAC, I/P-FG:1500VAC FOR 1min. | | | | | |
| ISOLATION RESISTANCE | | I/P-O/P, I/P-FG, O/P-FG > 100M Ohms | | | | | |
| WORKING TEMP., HUMIDITY | | -10°C~+50°C @ 100%LOAD, +65°C @ 50%LOAD, 20%~90% RH | | | | | |
| STORAGE TEMP., HUMIDITY | | -20°C~+85°C, 10%~95% RH | | | | | |
| DIMENSION | | 291*132*68mm (L*W*H) | | | | | |
| WEIGHT; Q'TY/CARTON | | 2.6Kgs | | | | | |
| SAFETY STANDARDS | | UL1950, CSA22.2, IEC60950 | | | | | |
| EMC STANDARDS | | FCC PART 15 | | | | | |
| SPECIAL FUNCTION | | DC VOLTAGE ADJ., REMOTE SENSING, REMOTE CONTROL, PARALLEL OPERATION (REFER TO TERMINAL INSTRUCTION MANUAL) | | | | | |

NOTE :
1.ALL PARAMETERS ARE SPECIFIED AT 230VAC INPUT, RATED LOAD, 25°C 70% RH. AMBIENT.
2.TOLERANCE GINCLUDE SET UP TOLERANCE, LINE REGULATION, LOAD REGULATION.
3.RIPPLE & NOISE ARE MEASURED AT 20MHz BY USING A 12" TWISTED PAIR TERMINATED WITH A 0.1uF & 47uF CAPACITOR.
4.LINE REGULATION IS MEASURED FROM LOW LINE TO HIGH LINE AT RATED LOAD.
5.LOAD REGULATION IS MEASURED FROM 20% TO 100% RATED LOAD.

2002-01-17




備註:

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|---|---|---|---|---|---|---|---|
| MEAN WELL<br>MEAN WELL ENTERPRISES CO, LTD. | 材質: | 單位<br>mm | SUBJECT<br>機構圖<br>SCN-600-XXX SERIES<br>SCN-800-XXX SERIES | | REVISION DESCRIPTION<br>修1.<br>修2.<br>修3. | | |
| | 厚度: | 比例<br>0.5/1 (B4) | | | | | |
| | 加工: | 公差<br>±0.3mm | | | | | |
| | 廠商編號 | | DATE :<br>2000-05-23 | DRAWING NO.<br>SCN-600 | APPROVAL : | CHECKED : | DESIGNED : | DRAWN : |